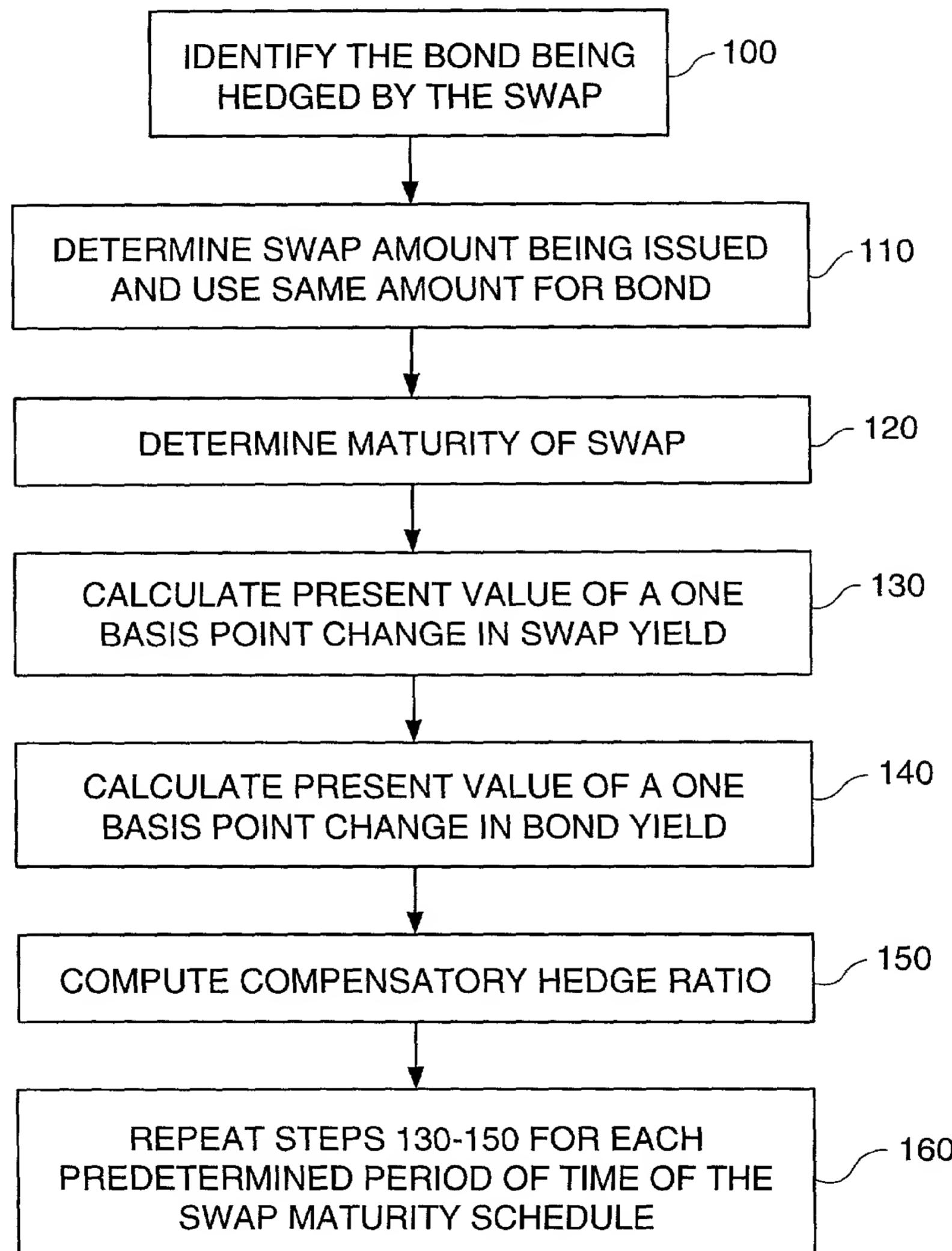


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210

VALUE OF 1 BP
AT INITIAL DATE

220

VALUE OF 1 BP
WITH 12 MONTHS REMAINING

EXHIBIT 1

4 Year Swap	\$36,125	\$ 9,730
4 Year Bond	\$36,185	\$ 9,734

EXHIBIT 2

5 Year Swap	\$46,546	\$ 9,726
7 Year Bond	\$65,181	\$27,313

200

EXHIBIT 3

6 Year Swap	\$56,887	\$ 9,726
8 Year Bond	\$64,013	\$23,052

EXHIBIT 4

7 Year Swap	\$54,921	\$ 9,653
10 Year Bond	\$71,574	\$36,005

240

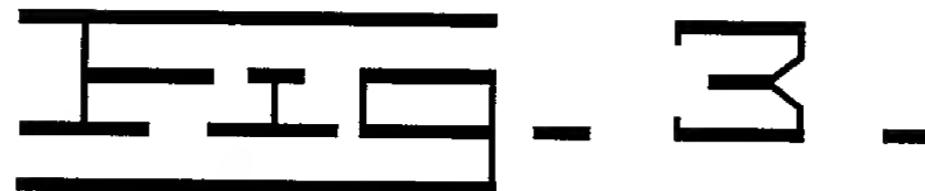
HEDGE RATIO
AT INITIAL DATE

250

HEDGE RATIO
WITH 12 MONTHS REMAINING

230

EXHIBIT 1	99.8% (\$36,125 / \$36,185)	100.0% (\$9,730 / \$9,734)
EXHIBIT 2	71.4% (\$46,546 / \$65,181)	35.6% (\$27,313 / \$9,726)
EXHIBIT 3	88.9% (\$56,887 / \$64,013)	42.2% (\$9,726 / \$23,052)
EXHIBIT 4	76.7% (\$54,921 / \$71,574)	26.8% (\$9,653 / \$36,005)



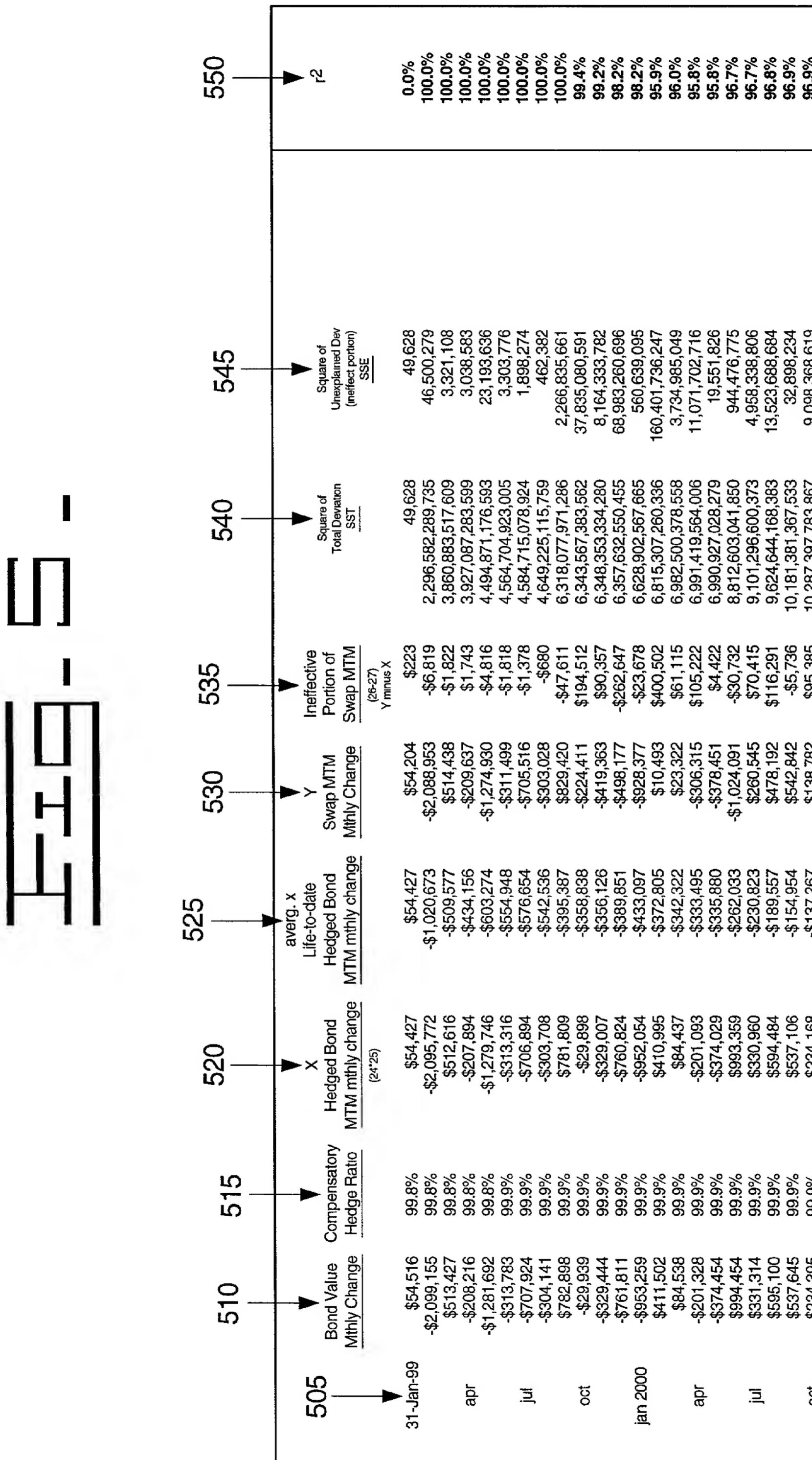
CALCULATION OF THE COMPENSATORY HEDGE RATIO

	330	335	340	345	315	355	360	365	370	375
Swap Notional Receive Rate	\$100,000,000 5.153%	Initial pay rate 5.15% Swap	Adj. pay rate 5.16% Swap		Bond (nominal): \$100,000,000 Bond (coupon interest rate): 9.000%					
320	No. of Months	PV of Profit	V of Adj. Profit	PV of 1 BP	No. of Months	PV at Initial Bond Yield 5.710%	PV at Initial Bond Yield 5.720%	PV of 1 BP		Compensatory Hedge Ratio
4-Jan-99										
31-Jan-99	48	\$0	-\$36,125	\$36,125	48	\$101,813,328	\$101,777,143	\$36,185		99.8%
feb	47	\$0	-\$35,445	\$35,445	47	\$101,779,464	\$101,743,961	\$35,502		99.8%
mar	46	\$0	-\$34,762	\$34,762	46	\$101,745,444	\$101,710,627	\$34,817		99.8%
apr	45	\$0	-\$34,076	\$34,076	45	\$101,711,269	\$101,677,140	\$34,129		99.8%
may	44	\$0	-\$33,387	\$33,387	44	\$101,676,937	\$101,643,499	\$33,438		99.8%
jun	43	\$0	-\$32,695	\$32,695	43	\$101,642,448	\$101,609,704	\$32,744		99.9%
Jul	42	\$0	-\$32,000	\$32,000	42	\$101,607,801	\$101,575,754	\$32,047		99.9%
aug	41	\$0	-\$31,303	\$31,303	41	\$101,572,995	\$101,541,648	\$31,347		99.9%
sep	40	\$0	-\$30,602	\$30,602	40	\$101,538,030	\$101,507,385	\$30,645		99.9%
oct	39	\$0	-\$29,898	\$29,898	39	\$101,502,905	\$101,472,966	\$29,939		99.9%
nov	38	\$0	-\$29,192	\$29,192	38	\$101,467,619	\$101,438,389	\$29,230		99.9%
dec	37	\$0	-\$28,482	\$28,482	37	\$101,432,172	\$101,403,653	\$28,519		99.9%
jan 2000	36	\$0	-\$27,769	\$27,769	36	\$101,396,562	\$101,368,757	\$27,805		99.9%
feb	35	\$0	-\$27,054	\$27,054	35	\$101,360,789	\$101,333,702	\$27,087		99.9%
mar	34	\$0	-\$26,335	\$26,335	34	\$101,324,853	\$101,298,486	\$26,367		99.9%
apr	33	\$0	-\$25,613	\$25,613	33	\$101,288,752	\$101,263,108	\$25,643		99.9%
may	32	\$0	-\$24,888	\$24,888	32	\$101,252,485	\$101,227,569	\$24,917		99.9%
jun	31	\$0	-\$24,161	\$24,161	31	\$101,216,053	\$101,191,866	\$24,187		99.9%
Jul	30	\$0	-\$23,430	\$23,430	30	\$101,179,454	\$101,155,999	\$23,455		99.9%
aug	29	\$0	-\$22,696	\$22,696	29	\$101,142,687	\$101,119,968	\$22,719		99.9%
sep	28	\$0	-\$21,958	\$21,958	28	\$101,105,752	\$101,083,771	\$21,980		99.9%
oct	27	\$0	-\$21,218	\$21,218	27	\$101,068,648	\$101,047,409	\$21,239		99.9%
nov	26	\$0	-\$20,475	\$20,475	26	\$101,031,374	\$101,010,880	\$20,494		99.9%
dec	25	\$0	-\$19,728	\$19,728	25	\$100,993,929	\$100,974,183	\$19,746		99.9%
jan 2001	24	\$0	-\$18,978	\$18,978	24	\$100,956,313	\$100,937,318	\$18,995		99.9%
feb	23	\$0	-\$18,226	\$18,226	23	\$100,918,525	\$100,900,284	\$18,241		99.9%
mar	22	\$0	-\$17,469	\$17,469	22	\$100,880,563	\$100,863,080	\$17,483		99.9%
apr	21	\$0	-\$16,710	\$16,710	21	\$100,842,428	\$100,825,705	\$16,723		99.9%
may	20	\$0	-\$15,948	\$15,948	20	\$100,804,118	\$100,788,159	\$15,959		99.9%
jun	19	\$0	-\$15,182	\$15,182	19	\$100,765,633	\$100,750,441	\$15,192		99.9%
Jul	18	\$0	-\$14,413	\$14,413	18	\$100,726,972	\$100,712,549	\$14,422		99.9%
aug	17	\$0	-\$13,641	\$13,641	17	\$100,688,133	\$100,674,484	\$13,649		99.9%
sep	16	\$0	-\$12,865	\$12,865	16	\$100,649,117	\$100,636,245	\$12,873		99.9%
oct	15	\$0	-\$12,086	\$12,086	15	\$100,609,922	\$100,597,829	\$12,093		99.9%
nov	14	\$0	-\$11,304	\$11,304	14	\$100,570,548	\$100,559,238	\$11,310		99.9%
dec	13	\$0	-\$10,519	\$10,519	13	\$100,530,994	\$100,520,470	\$10,524		100.0%
jan 2002	12	\$0	-\$9,730	\$9,730	12	\$100,491,258	\$100,481,524	\$9,734		100.0%
feb	11	\$0	-\$8,938	\$8,938	11	\$100,451,341	\$100,442,399	\$8,942		100.0%
mar	10	\$0	-\$8,142	\$8,142	10	\$100,411,240	\$100,403,095	\$8,146		100.0%
apr	9	\$0	-\$7,344	\$7,344	9	\$100,370,956	\$100,363,610	\$7,346		100.0%
may	8	\$0	-\$6,541	\$6,541	8	\$100,330,488	\$100,323,945	\$6,543		100.0%
jun	7	\$0	-\$5,736	\$5,736	7	\$100,289,835	\$100,284,097	\$5,737		100.0%
Jul	6	\$0	-\$4,927	\$4,927	6	\$100,248,995	\$100,244,067	\$4,928		100.0%
aug	5	\$0	-\$4,114	\$4,114	5	\$100,207,968	\$100,203,853	\$4,115		100.0%
sep	4	\$0	-\$3,298	\$3,298	4	\$100,166,754	\$100,163,455	\$3,299		100.0%
oct	3	\$0	-\$2,479	\$2,479	3	\$100,125,350	\$100,122,871	\$2,479		100.0%
nov	2	\$0	-\$1,656	\$1,656	2	\$100,083,758	\$100,082,101	\$1,656		100.0%
dec	1	\$0	-\$830	\$830	1	\$100,041,974	\$100,041,145	\$830		100.0%
jan 2003	0	\$0	\$0	\$0	0	\$100,000,000	\$100,000,000	\$0		#DIV/01

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CALCULATION OF THE CORRELATION BETWEEN SWAP AND RATIO HEDGE BOND

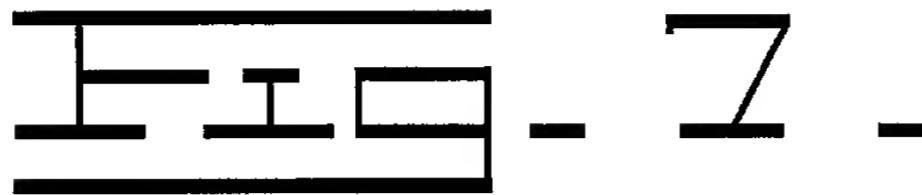
405	410	415	420	425	430	435	440	445	450
Swap Notional Receive Rate	\$100,000,000 6.088%	Hypothetical Rate 5.085%	Actual month-end CP Rate	Using CP at month end + 18 bps	Settlement on 13-feb-00 annual No. of days of accrued interest	Market Yield (Updated)	Accrued Interest	Adjusted MTM (excl. accrued int.)	Monthly Change Adj. MTM
407	No. of Months	(Per Counterparty) Swap MTM		Actual floating rate					
4-Jan-99									
31-Jan-99	48	\$54,204				5.070%	\$0	\$0	
	47	-\$2,034,749				5.666%	\$0	\$54,204	\$54,204
	46	-\$1,520,311				5.526%	\$0	-\$2,034,749	-\$2,088,953
apr	45	-\$1,729,948				5.598%	\$0	-\$1,520,311	\$514,438
	44	-\$3,004,878				6.000%	\$0	-\$1,729,948	-\$209,637
	43	-\$3,316,377				6.118%	\$0	-\$3,004,878	-\$1,274,930
jul	42	-\$4,021,892				6.370%	\$0	-\$3,316,377	-\$311,499
-1,304,646	41	-\$4,324,921	5.17%	5.35%	199	6.500%	\$402,089	-\$4,021,892	-\$705,516
	40	-\$483,623	5.28%	5.46%	229		\$393,692	-\$4,324,921	-\$303,028
oct	39	-\$654,383	5.28%	5.46%	260		\$447,342	-\$877,315	\$829,420
	38	-\$1,094,034	5.37%	5.55%	290		\$427,055	-\$1,521,089	-\$224,411
	37	-\$1,704,862	5.55%	5.73%	321		\$314,404	-\$2,019,266	\$419,363
jan 2000	36	-\$2,641,451	5.59%	5.77%	352		\$306,192	-\$2,947,643	-\$498,177
	35	-\$2,931,088	5.76%	5.94%	15		\$6,062	-\$2,937,150	\$928,377
apr	34	-\$2,916,663	5.93%	6.11%	48		-\$2,836	-\$2,913,827	\$10,493
	33	-\$3,243,567	6.02%	6.20%	76		-\$23,425	-\$3,220,142	\$23,322
	32	-\$3,742,970	6.40%	6.58%	107		-\$144,377	-\$3,598,593	-\$306,315
jul	31	-\$2,808,153	6.53%	6.71%	137		-\$233,651	-\$2,574,502	-\$378,451
	30	-\$2,582,067	6.49%	6.67%	168		-\$268,110	-\$2,313,957	-\$1,024,091
	29	-\$2,142,443	6.47%	6.65%	199		-\$306,678	-\$1,835,765	\$260,545
oct	28	-\$1,653,990	6.48%	6.66%	229		-\$361,067	-\$1,292,923	-\$478,192
	27	-\$1,558,893	6.48%	6.66%	260		-\$404,752	-\$1,154,141	\$542,842
									\$138,782
	455	460							
Bond (nominal):		\$100,000,000							
Bond (coupon interest rate):		6.000%							
No. of Months	Computed Bond Value	Actual Libor Swap Yield	Constant Yield Differential	Constant Diff. Libor vs CP Swap	Effective Swap Yield	Bond Price If Yield Unchanged	Amort of Premium	Bond Value Mthly Change	
49	102.2165%	5.1850%	0.3090%	0.1000%	5.3940%	102.216%	0.041%	\$54,516	
48	102.2305%	5.1700%	0.3090%	0.1000%	5.3790%	102.176%	0.041%	-\$2,099,155	
47	100.0906%	5.7650%	0.3090%	0.1000%	5.9740%	102.135%	0.041%	\$513,427	
46	100.5631%	5.6267%	0.3090%	0.1000%	5.8357%	102.094%	0.041%	-\$208,216	
45	100.3138%	5.6975%	0.3090%	0.1000%	5.9065%	102.053%	0.041%	-\$1,281,692	
44	98.9909%	6.1000%	0.3090%	0.1000%	6.3090%	102.012%	0.041%	-\$313,783	
43	98.6356%	6.2183%	0.3090%	0.1000%	6.4273%	101.971%	0.041%	-\$707,924	
42	97.8861%	6.4700%	0.3090%	0.1000%	6.6790%	101.929%	0.042%	\$304,141	
41	97.5401%	6.6000%	0.3090%	0.1000%	6.8090%	101.887%	0.042%	\$782,898	
40	98.2810%	6.3667%	0.3090%	0.1000%	6.5757%	101.845%	0.042%	-\$29,939	
39	98.2088%	6.4050%	0.3090%	0.1000%	6.6140%	101.803%	0.042%	-\$329,444	
38	97.8370%	6.5517%	0.3090%	0.1000%	6.7607%	101.760%	0.042%	-\$761,811	
37	97.0326%	6.8650%	0.3090%	0.1000%	7.0740%	101.718%	0.043%	-\$953,259	
36	96.0365%	7.2700%	0.3090%	0.1000%	7.4790%	101.675%	0.043%	-\$411,502	
35	96.4051%	7.1646%	0.3090%	0.1000%	7.3736%	101.632%	0.043%	\$84,538	
34	96.4464%	7.1850%	0.3090%	0.1000%	7.3940%	101.589%	0.043%	-\$201,328	
33	96.2018%	7.3245%	0.3090%	0.1000%	7.5335%	101.546%	0.043%	-\$374,454	
32	95.7838%	7.5463%	0.3090%	0.1000%	7.7553%	101.502%	0.044%	\$994,454	
31	96.7345%	7.1835%	0.3090%	0.1000%	7.3925%	101.458%	0.044%	\$331,314	
30	97.0218%	7.0980%	0.3090%	0.1000%	7.3070%	101.414%	0.044%	\$595,100	
29	97.5728%	6.8869%	0.3090%	0.1000%	7.0959%	101.370%	0.044%	-\$537,645	
28	98.0661%	6.6907%	0.3090%	0.1000%	6.8997%	101.326%	0.044%	\$234,395	
27	98.2559%	6.6295%	0.3090%	0.1000%	6.8385%	101.281%	0.045%		





CALCULATION OF THE COMPENSATORY HEDGE RATIO

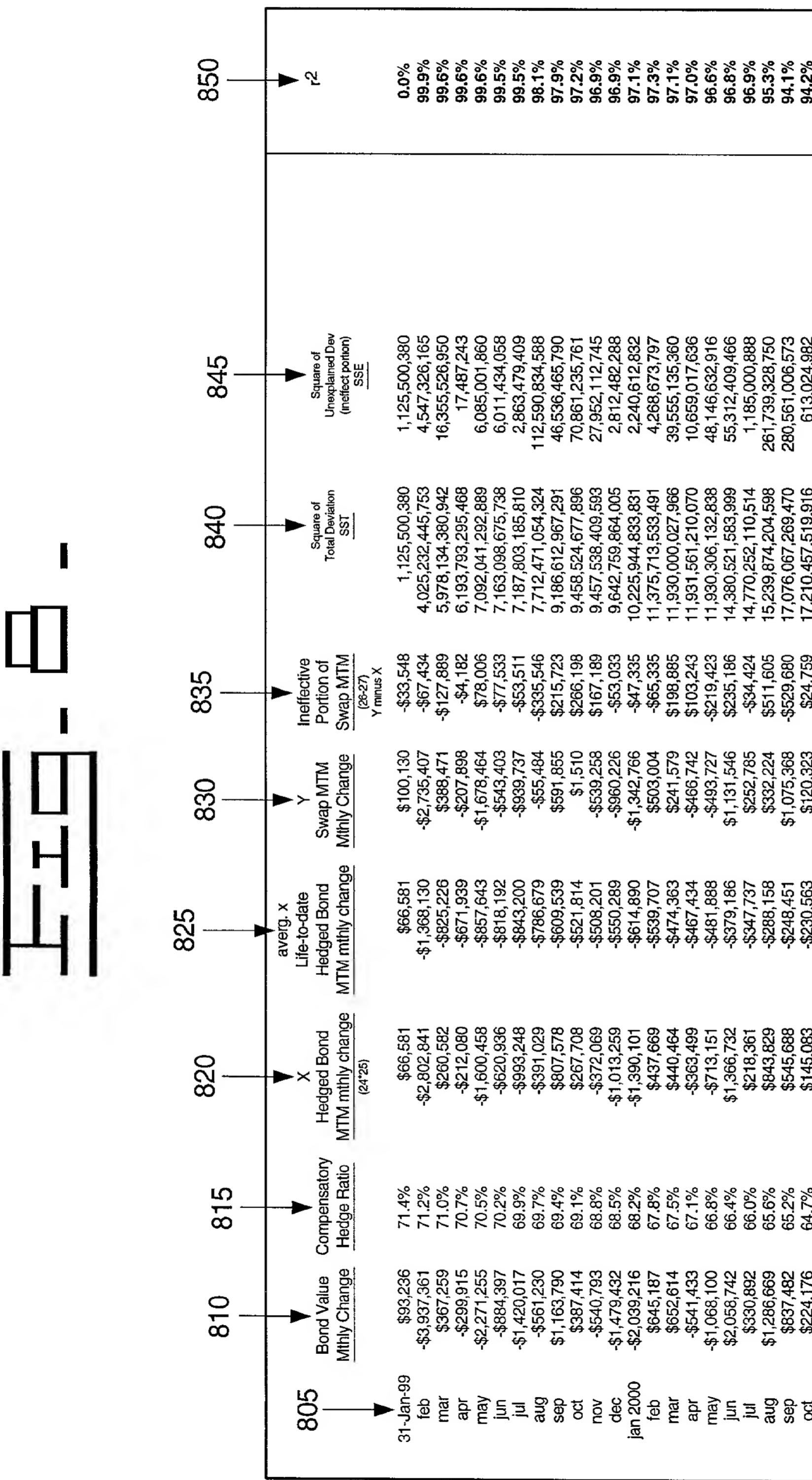
	610	630	635	640	645	615	655	660	665	670	675
	Swap Notional	\$100,000,000	Initial pay rate	Adj. pay rate		625	650	Bond (nominal):	\$100,000,000		
	Receive Rate	5.153%	5.15%	Swap	V of Adj. Profit	650		Bond (coupon interest rate):	9.000%		
	620	No. of Months	PV of Profit	5.15% Swap	5.16% Swap	PV of 1 BP		No. of Months	PV at Initial Bond Yield 5.710%	PV at Initial Bond Yield 5.720%	PV of 1 BP
4-Jan-99											
31-Jan-99	64	\$0	-\$46,546	\$46,546			86	\$119,312,749	\$119,247,568	\$65,181	71.4%
feb	63	\$0	-\$45,913	\$45,913			85	\$119,130,478	\$119,065,981	\$64,497	71.2%
mar	62	\$0	-\$45,276	\$45,276			84	\$118,947,341	\$118,883,529	\$63,812	71.0%
apr	61	\$0	-\$44,638	\$44,638			83	\$118,763,332	\$118,700,207	\$63,125	70.7%
may	60	\$0	-\$43,996	\$43,996			82	\$118,578,448	\$118,516,012	\$62,436	70.5%
jun	59	\$0	-\$43,351	\$43,351			81	\$118,392,683	\$118,330,938	\$61,745	70.2%
Jul	58	\$0	-\$42,704	\$42,704			80	\$118,206,035	\$118,144,982	\$61,053	69.9%
aug	57	\$0	-\$42,054	\$42,054			79	\$118,018,499	\$117,958,140	\$60,359	69.7%
sep	56	\$0	-\$41,401	\$41,401			78	\$117,830,070	\$117,770,407	\$59,663	69.4%
oct	55	\$0	-\$40,746	\$40,746			77	\$117,640,745	\$117,581,779	\$58,966	69.1%
nov	54	\$0	-\$40,088	\$40,088			76	\$117,450,519	\$117,392,253	\$58,266	68.8%
dec	53	\$0	-\$39,426	\$39,426			75	\$117,259,388	\$117,201,822	\$57,565	68.5%
jan 2000	52	\$0	-\$38,762	\$38,762			74	\$117,067,347	\$117,010,484	\$56,863	68.2%
feb	51	\$0	-\$38,095	\$38,095			73	\$116,874,392	\$116,818,234	\$56,158	67.8%
mar	50	\$0	-\$37,426	\$37,426			72	\$116,680,520	\$116,625,068	\$55,452	67.5%
apr	49	\$0	-\$36,753	\$36,753			71	\$116,485,724	\$116,430,981	\$54,744	67.1%
may	48	\$0	-\$36,077	\$36,077			70	\$116,290,002	\$116,235,968	\$54,034	66.8%
jun	47	\$0	-\$35,399	\$35,399			69	\$116,093,349	\$116,040,026	\$53,322	66.4%
Jul	46	\$0	-\$34,718	\$34,718			68	\$115,895,760	\$115,843,151	\$52,609	66.0%
aug	45	\$0	-\$34,033	\$34,033			67	\$115,697,230	\$115,645,336	\$51,894	65.6%
sep	44	\$0	-\$33,346	\$33,346			66	\$115,497,756	\$115,446,579	\$51,177	65.2%
oct	43	\$0	-\$32,656	\$32,656			65	\$115,297,333	\$115,246,874	\$50,459	64.7%
nov	42	\$0	-\$31,963	\$31,963			64	\$115,095,956	\$115,046,218	\$49,739	64.3%
dec	41	\$0	-\$31,267	\$31,267			63	\$114,893,621	\$114,844,605	\$49,016	63.8%
jan 2001	40	\$0	-\$30,568	\$30,568			62	\$114,690,323	\$114,642,031	\$48,293	63.3%
feb	39	\$0	-\$29,866	\$29,866			61	\$114,486,058	\$114,438,491	\$47,567	62.8%
mar	38	\$0	-\$29,161	\$29,161			60	\$114,280,821	\$114,233,981	\$46,840	62.3%
apr	37	\$0	-\$28,452	\$28,452			59	\$114,074,607	\$114,028,497	\$46,111	61.7%
may	36	\$0	-\$27,741	\$27,741			58	\$113,867,412	\$113,822,032	\$45,380	61.1%
jun	35	\$0	-\$27,027	\$27,027			57	\$113,659,231	\$113,614,584	\$44,647	60.5%
Jul	34	\$0	-\$26,310	\$26,310			56	\$113,450,060	\$113,406,147	\$43,913	59.9%
aug	33	\$0	-\$25,589	\$25,589			55	\$113,239,893	\$113,196,716	\$43,177	59.3%
sep	32	\$0	-\$24,866	\$24,866			54	\$113,028,726	\$112,986,287	\$42,439	58.6%
oct	31	\$0	-\$24,139	\$24,139			53	\$112,816,555	\$112,774,855	\$41,699	57.9%
nov	30	\$0	-\$23,410	\$23,410			52	\$112,603,373	\$112,562,415	\$40,958	57.2%
dec	29	\$0	-\$22,677	\$22,677			51	\$112,389,178	\$112,348,963	\$40,215	56.4%
jan 2002	28	\$0	-\$21,941	\$21,941			50	\$112,173,963	\$112,134,493	\$39,470	55.6%
feb	27	\$0	-\$21,202	\$21,202			49	\$111,957,724	\$111,919,001	\$38,723	54.8%
mar	26	\$0	-\$20,460	\$20,460			48	\$111,740,456	\$111,702,481	\$37,975	53.9%
apr	25	\$0	-\$19,714	\$19,714			47	\$111,522,155	\$111,484,930	\$37,225	53.0%
may	24	\$0	-\$18,965	\$18,965			46	\$111,302,814	\$111,266,341	\$36,473	52.0%
jun	23	\$0	-\$18,213	\$18,213			45	\$111,082,430	\$111,046,711	\$35,719	51.0%
Jul	22	\$0	-\$17,458	\$17,458			44	\$110,860,997	\$110,826,033	\$34,964	49.9%
aug	21	\$0	-\$16,700	\$16,700			43	\$110,638,511	\$110,604,304	\$34,207	48.8%
sep	20	\$0	-\$15,938	\$15,938			42	\$110,414,966	\$110,381,518	\$33,448	47.7%
oct	19	\$0	-\$15,173	\$15,173			41	\$110,190,357	\$110,157,670	\$32,687	46.4%
nov	18	\$0	-\$14,405	\$14,405			40	\$109,964,679	\$109,932,755	\$31,925	45.1%
dec	17	\$0	-\$13,634	\$13,634			39	\$109,737,928	\$109,706,768	\$31,160	43.8%
jan 2003	16	\$0	-\$12,859	\$12,859			38	\$109,510,098	\$109,479,703	\$30,394	42.3%
feb	15	\$0	-\$12,081	\$12,081			37	\$109,281,183	\$109,251,557	\$29,627	40.8%
mar	14	\$0	-\$11,299	\$11,299			36	\$109,051,180	\$109,022,322	\$28,857	39.2%
apr	13	\$0	-\$10,515	\$10,515			35	\$108,820,081	\$108,791,995	\$28,086	37.4%
may	12	\$0	-\$9,726	\$9,726			34	\$108,587,884	\$108,560,571	\$27,313	35.6%
jun	11	\$0	-\$8,935	\$8,935			33	\$108,354,581	\$108,328,043	\$26,538	33.7%
Jul	10	\$0	-\$8,140	\$8,140			32	\$108,120,168	\$108,094,406	\$25,762	31.6%
aug	9	\$0	-\$7,341	\$7,341			31	\$107,884,640	\$107,859,656	\$24,984	29.4%
sep	8	\$0	-\$6,540	\$6,540			30	\$107,647,991	\$107,623,787	\$24,204	27.0%
oct	7	\$0	-\$5,734	\$5,734			29	\$107,410,216	\$107,386,794	\$23,422	24.5%
nov	6	\$0	-\$4,926	\$4,926			28	\$107,171,310	\$107,148,671	\$22,639	2

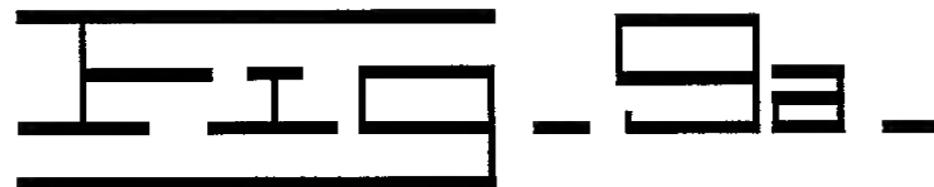


CALCULATION OF THE CORRELATION BETWEEN SWAP AND RATIO HEDGE BOND

705	710	715	720	725	730	735	740	745	750
Swap Notional Receive Rate	\$100,000,000 6.330%	Hypothetical Rate 5.153%	Actual month-end CP Rate	Using CP at month end + 18 bps	Settlement on 4-Jan 4-Dec	No. of days of accrued interest	Market Yield (Updated)	Adjusted MTM Accrued Interest (excl. accrued int.)	Monthly Change Adj. MTM
707	No. of Months	(Per Counterparty) Swap MTM		Actual floating rate					
4-Jan-99								\$0	\$0
31-Jan-99	64	\$100,130					5.131%	\$0	\$100,130
feb	63	-\$2,635,277					5.735%	\$0	-\$2,635,277
mar	62	-\$2,246,806					5.655%	\$0	-\$2,246,806
apr	61	-\$2,454,704					5.710%	\$0	-\$2,454,704
may	60	-\$4,133,168					6.114%	\$0	-\$4,133,168
jun	59	-\$4,676,571					6.260%	\$0	-\$4,676,571
Jul	58	-\$5,616,308					6.510%	\$0	-\$5,616,308
aug	57	-\$5,671,792					6.545%	\$0	-\$5,671,792
sep	56	-\$5,079,937	5.29%	5.47%	118		6.415%	\$279,579	-\$5,079,937
oct	55	-\$376,000	5.28%	5.46%	149		6.426%	\$355,069	\$1,510
nov	54	-\$883,000	5.36%	5.54%	179		6.539%	\$387,327	-\$539,258
dec	53	-\$2,220,000	6.01%	6.19%	27			\$10,553	-\$960,226
jan 2000	52	-\$3,485,000	5.59%	5.77%	58				-\$1,342,766
feb	51	-\$2,978,000	5.76%	5.94%	86				\$503,004
mar	50	-\$2,758,000	5.93%	6.11%	117				\$241,579
apr	49	-\$3,243,000	6.02%	6.20%	147				-\$466,742
may	48	-\$3,911,000	6.40%	6.58%	178				-\$493,727
jun	47	-\$2,685,000	6.53%	6.71%	26				\$1,131,546
Jul	46	-\$2,458,000	6.49%	6.67%	57				-\$2,404,873
aug	45	-\$2,151,000	6.47%	6.65%	88				\$252,785
sep	44	-\$1,105,000	6.48%	6.66%	118				\$332,224
oct	43	-\$1,010,000	6.48%	6.66%	149				\$1,075,368
									\$120,323
755	760								
Bond (nominal):		\$100,000,000							
Bond (coupon interest rate):		9.000%							
765	770	775	780	785	790	795			
No. of Months	Computed Bond Value	Actual Libor Swap Yield	Constant Yield Differential	Constant Diff. Libor vs CP Swap	Effective Swap Yield	Bond Price If Yield Unchanged	Amort of Premium	Bond Value Mthly Change	
87	120.155%	5.3092%	0.4008%	0.1000%	5.6100%	120.155%	0.188%	\$93,236	
86	120.060%	5.2950%	0.4008%	0.1000%	5.5958%	119.967%	0.189%	-\$3,937,361	
85	115.934%	5.9128%	0.4008%	0.1000%	6.2136%	119.778%	0.189%		
84	116.111%	5.8600%	0.4008%	0.1000%	6.1608%	119.588%	0.190%	\$367,259	
83	115.620%	5.9150%	0.4008%	0.1000%	6.2158%	119.397%	0.191%	-\$299,915	
82	113.157%	6.3017%	0.4008%	0.1000%	6.6025%	119.205%	0.192%	-\$2,271,255	
81	112.080%	6.4650%	0.4008%	0.1000%	6.7658%	119.012%	0.193%	-\$884,397	
80	110.466%	6.7283%	0.4008%	0.1000%	7.0291%	118.819%	0.194%	\$1,420,017	
79	109.710%	6.8458%	0.4008%	0.1000%	7.1466%	118.624%	0.195%	-\$561,230	
78	110.679%	6.6525%	0.4008%	0.1000%	6.9533%	118.429%	0.195%	\$1,163,790	
77	110.870%	6.5979%	0.4008%	0.1000%	6.8987%	118.232%	0.196%	\$387,414	
76	110.132%	6.7133%	0.4008%	0.1000%	7.0141%	118.035%	0.197%	-\$540,793	
75	108.454%	7.0100%	0.4008%	0.1000%	7.3108%	117.837%	0.198%	\$1,479,432	
74	106.216%	7.4288%	0.4008%	0.1000%	7.7296%	117.638%	0.199%	-\$2,039,216	
73	106.661%	7.3272%	0.4008%	0.1000%	7.6280%	117.438%	0.200%	\$645,187	
72	107.113%	7.2225%	0.4008%	0.1000%	7.5233%	117.237%	0.201%	\$652,614	
71	106.369%	7.3571%	0.4008%	0.1000%	7.6579%	117.035%	0.202%	-\$541,433	
70	105.098%	7.6054%	0.4008%	0.1000%	7.9062%	116.832%	0.203%	\$1,068,100	
69	106.953%	7.2065%	0.4008%	0.1000%	7.5073%	116.628%	0.204%	\$2,058,742	
68	107.079%	7.1633%	0.4008%	0.1000%	7.4641%	116.423%	0.205%	\$330,892	
67	108.160%	6.9190%	0.4008%	0.1000%	7.2198%	116.218%	0.206%	\$1,286,669	
66	108.791%	6.7655%	0.4008%	0.1000%	7.0663%	116.011%	0.207%	\$837,482	
65	108.808%	6.7388%	0.4008%	0.1000%	7.0396%	115.803%	0.208%	\$224,176	

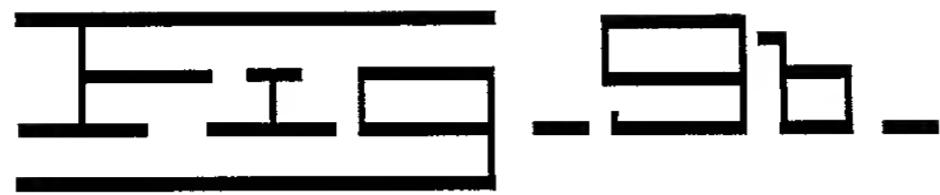
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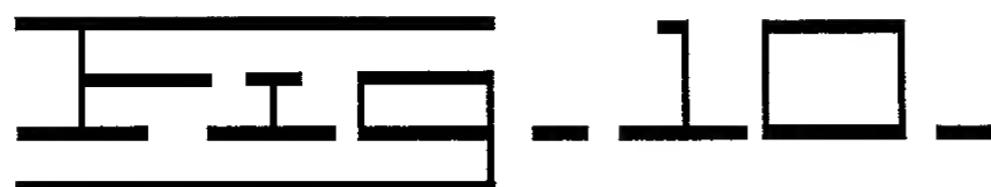


CALCULATION OF THE COMPENSATORY HEDGE RATIO

	910	930	935	940	945	915	955	960	965	970	975
	Swap Notional Receive Rate	\$100,000,000	5.165%	Initial pay rate	Adj. pay rate	925	950	Bond (nominal): Bond (coupon interest rate):	\$100,000,000	6.000%	
	No. of Months	5.165% Swap	5.175% Swap	PV of Profit	V of Adj. Profit	PV of 1 BP	No. of Months	PV at Initial Bond Yield 6.185%	PV at Initial Bond Yield 6.195%	PV of 1 BP	Compensatory Hedge Ratio
4-Jan-99											
31-Jan-99	81	\$0	-\$56,887	\$56,887			99	\$98,806,923	\$98,742,910	\$64,013	88.9%
feb	80	\$0	-\$56,299	\$56,299			98	\$98,816,190	\$98,752,670	\$63,520	88.6%
mar	79	\$0	-\$55,708	\$55,708			97	\$98,825,505	\$98,762,480	\$63,025	88.4%
apr	78	\$0	-\$55,114	\$55,114			96	\$98,834,868	\$98,772,342	\$62,526	88.1%
may	77	\$0	-\$54,518	\$54,518			95	\$98,844,280	\$98,782,254	\$62,026	87.9%
jun	76	\$0	-\$53,919	\$53,919			94	\$98,853,740	\$98,792,217	\$61,522	87.6%
jul	75	\$0	-\$53,318	\$53,318			93	\$98,863,248	\$98,802,232	\$61,016	87.4%
aug	74	\$0	-\$52,714	\$52,714			92	\$98,872,806	\$98,812,299	\$60,507	87.1%
sep	73	\$0	-\$52,108	\$52,108			91	\$98,882,413	\$98,822,417	\$59,995	86.9%
oct	72	\$0	-\$51,499	\$51,499			90	\$98,892,069	\$98,832,588	\$59,481	86.6%
nov	71	\$0	-\$50,887	\$50,887			89	\$98,901,775	\$98,842,811	\$58,964	86.3%
dec	70	\$0	-\$50,273	\$50,273			88	\$98,911,532	\$98,853,087	\$58,444	86.0%
jan 2000	69	\$0	-\$49,656	\$49,656			87	\$98,921,338	\$98,863,416	\$57,922	85.7%
feb	68	\$0	-\$49,036	\$49,036			86	\$98,931,195	\$98,873,799	\$57,397	85.4%
mar	67	\$0	-\$48,414	\$48,414			85	\$98,941,103	\$98,884,235	\$56,868	85.1%
apr	66	\$0	-\$47,789	\$47,789			84	\$98,951,062	\$98,894,725	\$56,337	84.8%
may	65	\$0	-\$47,161	\$47,161			83	\$98,961,072	\$98,905,269	\$55,804	84.5%
jun	64	\$0	-\$46,531	\$46,531			82	\$98,971,134	\$98,915,867	\$55,267	84.2%
jul	63	\$0	-\$45,898	\$45,898			81	\$98,981,248	\$98,926,520	\$54,728	83.9%
aug	62	\$0	-\$45,262	\$45,262			80	\$98,991,414	\$98,937,228	\$54,185	83.5%
sep	61	\$0	-\$44,624	\$44,624			79	\$99,001,632	\$98,947,992	\$53,640	83.2%
oct	60	\$0	-\$43,983	\$43,983			78	\$99,011,903	\$98,958,811	\$53,092	82.8%
nov	59	\$0	-\$43,338	\$43,338			77	\$99,022,227	\$98,969,686	\$52,541	82.5%
dec	58	\$0	-\$42,692	\$42,692			76	\$99,032,604	\$98,980,617	\$51,987	82.1%
jan 2001	57	\$0	-\$42,042	\$42,042			75	\$99,043,034	\$98,991,604	\$51,430	81.7%
feb	56	\$0	-\$41,390	\$41,390			74	\$99,053,519	\$99,002,648	\$50,870	81.4%
mar	55	\$0	-\$40,735	\$40,735			73	\$99,064,057	\$99,013,749	\$50,308	81.0%
apr	54	\$0	-\$40,077	\$40,077			72	\$99,074,650	\$99,024,908	\$49,742	80.6%
may	53	\$0	-\$39,416	\$39,416			71	\$99,085,297	\$99,036,124	\$49,173	80.2%
jun	52	\$0	-\$38,752	\$38,752			70	\$99,095,999	\$99,047,398	\$48,601	79.7%
jul	51	\$0	-\$38,085	\$38,085			69	\$99,106,756	\$99,058,730	\$48,026	79.3%
aug	50	\$0	-\$37,416	\$37,416			68	\$99,117,569	\$99,070,121	\$47,448	78.9%
sep	49	\$0	-\$36,744	\$36,744			67	\$99,128,438	\$99,081,570	\$46,867	78.4%
oct	48	\$0	-\$36,069	\$36,069			66	\$99,139,362	\$99,093,079	\$46,283	77.9%
nov	47	\$0	-\$35,391	\$35,391			65	\$99,150,343	\$99,104,647	\$45,696	77.4%
dec	46	\$0	-\$34,710	\$34,710			64	\$99,161,380	\$99,116,275	\$45,105	77.0%
jan 2002	45	\$0	-\$34,026	\$34,026			63	\$99,172,474	\$99,127,962	\$44,512	76.4%
feb	44	\$0	-\$33,339	\$33,339			62	\$99,183,626	\$99,139,711	\$43,915	75.9%
mar	43	\$0	-\$32,649	\$32,649			61	\$99,194,835	\$99,151,519	\$43,316	75.4%
apr	42	\$0	-\$31,956	\$31,956			60	\$99,206,102	\$99,163,389	\$42,713	74.8%
may	41	\$0	-\$31,260	\$31,260			59	\$99,217,426	\$99,175,320	\$42,106	74.2%
jun	40	\$0	-\$30,561	\$30,561			58	\$99,228,810	\$99,187,313	\$41,497	73.6%
jul	39	\$0	-\$29,860	\$29,860			57	\$99,240,251	\$99,199,367	\$40,884	73.0%
aug	38	\$0	-\$29,155	\$29,155			56	\$99,251,752	\$99,211,484	\$40,268	72.4%
sep	37	\$0	-\$28,447	\$28,447			55	\$99,263,312	\$99,223,663	\$39,649	71.7%
oct	36	\$0	-\$27,736	\$27,736			54	\$99,274,932	\$99,235,905	\$39,027	71.1%
nov	35	\$0	-\$27,022	\$27,022			53	\$99,286,611	\$99,248,211	\$38,401	70.4%
dec	34	\$0	-\$26,305	\$26,305			52	\$99,298,351	\$99,260,580	\$37,772	69.6%
jan	33	\$0	-\$25,585	\$25,585			51	\$99,310,151	\$99,273,012	\$37,139	68.9%
feb	32	\$0	-\$24,862	\$24,862			50	\$99,322,012	\$99,285,509	\$36,503	68.1%
mar	31	\$0	-\$24,136	\$24,136			49	\$99,333,935	\$99,298,071	\$35,864	67.3%
apr	30	\$0	-\$23,406	\$23,406			48	\$99,345,918	\$99,310,697	\$35,221	66.5%
may	29	\$0	-\$22,673	\$22,673			47	\$99,357,964	\$99,323,388	\$34,575	65.6%
jun	28	\$0	-\$21,938	\$21,938			46	\$99,370,071	\$99,336,145	\$33,926	64.7%
jul	27	\$0	-\$21,199	\$21,199			45	\$99,382,241	\$99,348,968	\$33,273	63.7%
aug	26	\$0	-\$20,457	\$20,457			44	\$99,394,474	\$99,361,857	\$32,616	62.7%
sep	25	\$0	-\$19,711	\$19,711			43	\$99,406,769	\$99,374,813	\$31,957	61.7%
oct	24	\$0	-\$18,963	\$18,963			42	\$99,419,129	\$99,387,835	\$31,293	60.6%
nov	23	\$0	-\$18,211	\$18,211			41	\$99,431,551	\$99,400,925	\$30,626	59.5%



	930	935	940	945	950	955	960	965	970	975	
dec	22	\$0	-\$17,456	\$17,456	40	\$99,444,038	\$99,414,082	\$29,956	58.3%		
jan	21	\$0	-\$16,698	\$16,698	39	\$99,456,589	\$99,427,308	\$29,282	57.0%		
feb	20	\$0	-\$15,937	\$15,937	38	\$99,469,205	\$99,440,601	\$28,604	55.7%		
mar	19	\$0	-\$15,172	\$15,172	37	\$99,481,886	\$99,453,963	\$27,923	54.3%		
apr	18	\$0	-\$14,404	\$14,404	36	\$99,494,632	\$99,467,394	\$27,238	52.9%		
may	17	\$0	-\$13,633	\$13,633	35	\$99,507,444	\$99,480,895	\$26,549	51.3%		
jun	16	\$0	-\$12,858	\$12,858	34	\$99,520,322	\$99,494,465	\$25,857	49.7%		
Jul	15	\$0	-\$12,080	\$12,080	33	\$99,533,266	\$99,508,105	\$25,161	48.0%		
aug	14	\$0	-\$11,299	\$11,299	32	\$99,546,277	\$99,521,816	\$24,462	46.2%		
sep	13	\$0	-\$10,514	\$10,514	31	\$99,559,355	\$99,535,597	\$23,759	44.3%		
oct	12	\$0	-\$9,726	\$9,726	30	\$99,572,501	\$99,549,449	\$23,052	42.2%		
nov	11	\$0	-\$8,934	\$8,934	29	\$99,585,714	\$99,563,373	\$22,341	40.0%		
dec	10	\$0	-\$8,139	\$8,139	28	\$99,598,996	\$99,577,369	\$21,626	37.6%		
jan	9	\$0	-\$7,341	\$7,341	27	\$99,612,345	\$99,591,438	\$20,908	35.1%		
feb	8	\$0	-\$6,539	\$6,539	26	\$99,625,764	\$99,605,578	\$20,186	32.4%		
mar	7	\$0	-\$5,734	\$5,734	25	\$99,639,252	\$99,619,792	\$19,460	29.5%		
apr	6	\$0	-\$4,926	\$4,926	24	\$99,652,809	\$99,634,079	\$18,730	26.3%		
may	5	\$0	-\$4,113	\$4,113	23	\$99,666,436	\$99,648,440	\$17,996	22.9%		
jun	4	\$0	-\$3,298	\$3,298	22	\$99,680,134	\$99,662,875	\$17,258	19.1%		
Jul	3	\$0	-\$2,479	\$2,479	21	\$99,693,902	\$99,677,385	\$16,517	15.0%		
aug	2	\$0	-\$1,656	\$1,656	20	\$99,707,741	\$99,691,969	\$15,771	10.5%		
sep	1	\$0	-\$830	\$830	19	\$99,721,651	\$99,706,629	\$15,022	5.5%		
oct	0	\$0	-\$0	\$0	18	\$99,735,633	\$99,721,365	\$14,268	0.0%		



CALCULATION OF THE CORRELATION BETWEEN SWAP AND RATIO HEDGE BOND

1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
Swap Notional	\$100,000,000	Hypothetical Rate	Actual month-end CP Rate	Using CP at month end + 18 bps	Settlement on 13/2/00 annual	Market Yield	Adjusted MTM	Monthly Change	
Receive Rate	5.480%	5.165%			No. of days of accrued interest	(Updated)	(excl. accrued int.)	Adj. MTM	
1007	No. of Months	(Per Counterparty) Swap MTM		Actual floating rate					
4-Jan-99							\$0	\$0	
31-Jan-99	81	-\$68,239		5+21	5.177%	\$0	-\$68,239	-\$68,239	
	80	-\$3,476,946		5+20	5.795%	\$0	-\$3,476,946	-\$3,408,708	
	79	-\$3,119,318		5+19	5.735%	\$0	-\$3,119,318	\$357,629	
apr	78	-\$3,378,848		5+18	5.790%	\$0	-\$3,378,848	-\$259,530	
	77	-\$5,369,450		5+17	6.181%	\$0	-\$5,369,450	-\$1,990,602	
jul	76	-\$6,115,915		5+16	6.340%	\$0	-\$6,115,915	-\$746,465	
	75	-\$7,332,810		5+15	6.600%	\$0	-\$7,332,810	-\$1,216,895	
oct	74	-\$7,688,394		5+14	6.690%	\$0	-\$7,688,394	-\$355,584	
	73	-\$6,795,503		5+13	6.521%	\$0	-\$6,795,503	\$892,891	
	72	-\$6,498,778		5+12	6.475%	\$0	-\$6,498,778	\$296,725	
	71	-\$6,994,406		5+11	6.596%	\$0	-\$6,994,406	-\$495,628	
	70	-\$8,280,526		5+10	6.893%	\$0	-\$8,280,526	-\$1,286,120	
jan 2000	69	-\$10,080,361		5+9	7.318%	\$0	-\$10,080,361	-\$1,799,835	
-3,778,921	68	-\$4,043,515	5.76%	5.94%	16	\$23,671	-\$4,067,186	-\$288,265	
	67	-\$3,590,935	5.93%	6.11%	47	\$47,644	-\$3,638,579	\$428,607	
apr	66	-\$4,179,106	6.02%	6.20%	77	\$59,068	-\$4,238,174	-\$599,596	
	65	-\$5,030,638	6.40%	6.58%	108	Hypothetical Market Yield Source Historical Yield curve) - adjusted for the no. of months i.e 3yr + 5 months Subtract 10 bp - diff between Libor & CP	-\$29,589	-\$5,001,049	-\$762,874
	64	-\$3,302,205	6.53%	6.71%	138	-\$86,959	-\$3,215,246	\$1,785,803	
jul	63	-\$3,120,536	6.49%	6.67%	169	-\$87,973	-\$3,032,563	\$182,683	
	62	-\$2,144,735	6.47%	6.65%	200	-\$93,151	-\$2,051,584	\$980,979	
oct	61	-\$1,446,734	6.48%	6.66%	230	-\$115,315	-\$1,331,419	\$720,165	
	60	-\$1,381,003	6.48%	6.66%	261	-\$125,645	-\$1,255,358	\$76,061	
1055	1060								
Bond (nominal):	\$100,000,000								
Bond (coupon interest rate):	6.000%								
No. of Months	Computed Bond Value	Actual Libor Swap Yield	Constant Yield Differential	Constant Diff. Libor vs CP Swap	Effective Swap Yield	Bond Price If Yield Unchanged	Amort of Premium	Bond Value Mthly Change	
100	99.4455%	5.3500%	0.8350%	0.1000%	6.0850%	99.445%			
99	99.5789%	5.3300%	0.8350%	0.1000%	6.0650%	99.450%	-0.004%	\$129,152	
98	95.6981%	5.9500%	0.8350%	0.1000%	6.6850%	99.454%	-0.004%	-\$3,885,065	
97	95.9746%	5.9100%	0.8350%	0.1000%	6.6450%	99.458%	-0.004%	\$272,117	
96	95.7043%	5.9600%	0.8350%	0.1000%	6.6950%	99.463%	-0.004%	-\$274,603	
95	93.4982%	6.3400%	0.8350%	0.1000%	7.0750%	99.467%	-0.004%	-\$2,210,463	
94	92.5176%	6.5200%	0.8350%	0.1000%	7.2550%	99.471%	-0.004%	-\$984,940	
93	91.0655%	6.7900%	0.8350%	0.1000%	7.5250%	99.476%	-0.004%	-\$1,456,525	
92	90.3700%	6.9300%	0.8350%	0.1000%	7.6650%	99.480%	-0.004%	-\$699,973	
91	91.5913%	6.7200%	0.8350%	0.1000%	7.4550%	99.485%	-0.004%	\$1,216,906	
90	92.0425%	6.6500%	0.8350%	0.1000%	7.3850%	99.489%	-0.004%	\$446,704	
89	91.4600%	6.7700%	0.8350%	0.1000%	7.5050%	99.494%	-0.004%	-\$586,935	
88	90.0503%	7.0500%	0.8350%	0.1000%	7.7850%	99.498%	-0.005%	-\$1,414,252	
87	88.0820%	7.4500%	0.8350%	0.1000%	8.1850%	99.503%	-0.005%	-\$1,972,825	
86	88.6868%	7.3500%	0.8350%	0.1000%	8.0850%	99.507%	-0.005%	\$600,266	
85	89.3888%	7.2300%	0.8350%	0.1000%	7.9650%	99.512%	-0.005%	\$697,408	
84	88.8328%	7.3600%	0.8350%	0.1000%	8.0950%	99.516%	-0.005%	-\$560,644	
83	87.7086%	7.6100%	0.8350%	0.1000%	8.3450%	99.521%	-0.005%	-\$1,128,849	
82	89.7694%	7.2100%	0.8350%	0.1000%	7.9450%	99.526%	-0.005%	\$2,056,146	
81	89.9617%	7.1900%	0.8350%	0.1000%	7.9250%	99.530%	-0.005%	\$187,682	
80	91.3301%	6.9300%	0.8350%	0.1000%	7.6650%	99.535%	-0.005%	\$1,363,626	
79	92.0525%	6.8000%	0.8350%	0.1000%	7.5350%	99.540%	-0.005%	\$717,703	
78	92.2553%	6.7745%	0.8350%	0.1000%	7.5095%	99.545%	-0.005%	\$198,052	

		1105		1110		1115		1120		1125		1130		1135		1140		1145		1150	
		Bond Value	Compensatory Hedge Ratio	Hedge Bond MTM mthly change	(24225)	Hedge Bond MTM mthly change		avg. x	Life-to-date Hedged Bond MTM mthly change		Y	Swap MTM mthly Change		Ineffective Portion of Swap MTM (2627)		Y minus X		Square of Total Deviation SST		Square of Unexplained Dev (ineffect portion) SSE	
31-Jan-99	\$129,152.26	88.9%	\$114,775	\$114,775	\$1,664,307	\$-3,443,390	\$-3,443,390	\$-668,239	\$183,014	\$33,494,082,217	\$33,494,082,217	\$0.0%									
	\$3,885,065.11	88.6%	\$120,525	\$240,525	\$1,029,363	\$-2274,603.02	\$-2,210,462.81	\$-1,942,913	\$-1,054,610	\$-3,408,708	\$-3,408,708	99.4%	99.4%	99.4%	99.4%	99.4%	1,202,825,675	13,713,151,144	305,550,649		
apr	\$272,116.63	88.4%	\$242,050	\$242,050	\$-832,535	\$-863,226	\$-984,940.21	\$-863,226	\$-1,022,713	\$357,629	\$-832,530	\$-259,530	\$117,103	\$117,103	8,508,787,459,252	8,965,638,921,354	2,274,239,706	2,274,239,706			
jun	\$1,456,525.10	87.4%	\$1,272,771	\$1,272,771	\$-1,058,436	\$-1,216,895	\$-699,972.65	\$-609,823	\$-1,002,359	\$1,990,602	\$-746,465	\$-746,465	\$116,760	\$116,760	10,017,355,557,819	10,104,905,247,299	13,632,971,273	13,632,971,273			
oct	\$1,216,905.70	86.9%	\$1,056,920	\$1,056,920	\$-773,550	\$-786,757	\$-446,704.08	\$-386,757	\$-657,520	\$296,725	\$-735,584	\$-735,584	\$126,029	\$126,029	10,139,126,053,220	10,570,905,440,040	3,122,163,284	3,122,163,284			
jan 2000	\$1,972,824.61	85.7%	\$1,697,408.08	\$1,697,408.08	\$-1,216,516	\$-1,216,516	\$691,521	\$691,521	\$1,286,120	\$892,891	\$892,891	\$892,891	\$164,029	\$164,029	13,615,528,055,091	14,608,652,245,315	26,905,452,573	26,905,452,573			
apr	\$600,266.50	85.4%	\$512,834	\$512,834	\$-676,907	\$-592,198	\$187,682.07	\$187,682.07	\$495,628	\$288,265	\$-592,198	\$428,607	\$90,032	\$90,032	14,630,391,511,658	14,630,391,511,658	8,105,749,570	8,105,749,570			
jun	\$1,363,626.40	85.1%	\$593,728	\$593,728	\$-584,909	\$-584,909	\$139,069	\$139,069	\$124,021	\$599,596	\$599,596	\$124,021	\$108,547	\$108,547	14,173,331,881,621	15,017,331,881,621	118,984,295	118,984,295			
oct	\$198,051.86	84.8%	\$475,575	\$475,575	\$-954,026	\$-954,026	\$1,128,849.08	\$1,128,849.08	\$606,622	\$762,874	\$-954,026	\$-954,026	\$191,151	\$191,151	17,722,088,018,870	17,722,088,018,870	36,538,798,199	36,538,798,199			
jan 2001	\$717,703.15	83.2%	\$597,064	\$597,064	\$1,731,133	\$1,731,133	\$476,747	\$1,785,803	\$-443,370	\$182,683	\$-443,370	\$182,683	\$54,669	\$54,669	23,385,098,665,512	23,859,522,711,161	2,988,746,111	2,988,746,111			
apr	\$198,051.86	82.8%	\$164,070	\$164,070	\$1,139,069	\$1,139,069	\$318,472	\$318,472	\$384,248	\$980,979	\$384,248	\$980,979	\$123,101	\$123,101	27,150,563,245,770	25,932,101,749,143	639,115,931	639,115,931			
oct					\$296,538	\$296,538	\$76,061	\$76,061	\$76,061	\$88,009	\$76,061	\$88,009	\$27,340,948,483,073	\$27,340,948,483,073	15,153,930,847	15,153,930,847	7,745,651,707	7,745,651,707			

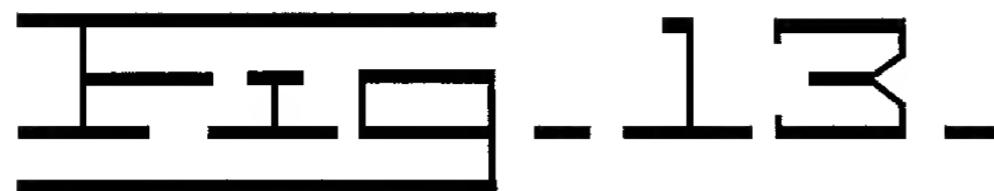


CALCULATION OF THE COMPENSATORY HEDGE RATIO

	1210	1230	1235	1240	1245	1215	1225	1255	1260	1265	1270	1275
	Swap Notional Receive Rate	\$100,000,000		Initial pay rate	Adj. pay rate					\$100,000,000		
	6.578%			6.578%	6.588%					7.250%		
	1220	No. of Months	PV of Profit	V of Adj. Profit	PV of 1 BP					PV at Initial Bond Yield	PV at Initial Bond Yield	PV of 1 BP
						No. of Months	PV at Initial Bond Yield			7.151%	7.161%	
30-Sep-99										\$100,709,823	\$100,637,839	
30-Sep-99	82	\$0	-\$54,921	\$54,921		120	\$100,705,803	\$100,634,229		\$71,574		76.7%
oct	81	\$0	-\$54,389	\$54,389		119	\$100,701,759	\$100,630,597		\$71,162		76.4%
nov	80	\$0	-\$53,854	\$53,854		118	\$100,697,690	\$100,626,943		\$70,747		76.1%
dec	79	\$0	-\$53,316	\$53,316		117	\$100,693,598	\$100,623,268		\$70,330		75.8%
jan 2000	78	\$0	-\$52,775	\$52,775		116	\$100,689,481	\$100,619,570		\$69,911		75.5%
feb	77	\$0	-\$52,231	\$52,231		115	\$100,685,340	\$100,615,851		\$69,489		75.2%
mar	76	\$0	-\$51,684	\$51,684		114	\$100,681,174	\$100,612,110		\$69,065		74.8%
apr	75	\$0	-\$51,134	\$51,134		113	\$100,676,983	\$100,608,346		\$68,638		74.5%
may	74	\$0	-\$50,580	\$50,580		112	\$100,672,768	\$100,604,559		\$68,208		74.2%
jun	73	\$0	-\$50,024	\$50,024		111	\$100,668,527	\$100,600,750		\$67,777		73.8%
Jul	72	\$0	-\$49,465	\$49,465		110	\$100,664,261	\$100,596,919		\$67,342		73.5%
aug	71	\$0	-\$48,903	\$48,903		109	\$100,659,969	\$100,593,064		\$66,905		73.1%
sep	70	\$0	-\$48,338	\$48,338		108	\$100,655,652	\$100,589,186		\$66,466		72.7%
oct	69	\$0	-\$47,769	\$47,769		107	\$100,651,309	\$100,585,286		\$66,023		72.4%
nov	68	\$0	-\$47,198	\$47,198		106	\$100,646,940	\$100,581,362		\$65,579		72.0%
dec	67	\$0	-\$46,623	\$46,623		105	\$100,642,546	\$100,577,414		\$65,131		71.6%
jan 2001	66	\$0	-\$46,045	\$46,045		104	\$100,638,125	\$100,573,443		\$64,681		71.2%
feb	65	\$0	-\$45,464	\$45,464		103	\$100,633,677	\$100,569,449		\$64,229		70.8%
mar	64	\$0	-\$44,880	\$44,880		102	\$100,629,204	\$100,565,430		\$63,773		70.4%
apr	63	\$0	-\$44,293	\$44,293		101	\$100,624,703	\$100,561,388		\$63,315		70.0%
may	62	\$0	-\$43,702	\$43,702		100	\$100,620,176	\$100,557,321		\$62,854		69.5%
jun	61	\$0	-\$43,109	\$43,109		99	\$100,615,621	\$100,553,230		\$62,391		69.1%
Jul	60	\$0	-\$42,512	\$42,512		98	\$100,611,040	\$100,549,115		\$61,925		68.7%
aug	59	\$0	-\$41,911	\$41,911		97	\$100,606,431	\$100,544,975		\$61,456		68.2%
sep	58	\$0	-\$41,308	\$41,308		96	\$100,601,795	\$100,540,811		\$60,984		67.7%
oct	57	\$0	-\$40,701	\$40,701		95	\$100,597,131	\$100,536,621		\$60,510		67.3%
nov	56	\$0	-\$40,091	\$40,091		94	\$100,592,440	\$100,532,407		\$60,033		66.8%
dec	55	\$0	-\$39,477	\$39,477		93	\$100,587,720	\$100,528,168		\$59,553		66.3%
jan	54	\$0	-\$38,860	\$38,860		92	\$100,582,973	\$100,523,903		\$59,070		65.8%
feb	53	\$0	-\$38,240	\$38,240		91	\$100,578,197	\$100,519,612		\$58,584		65.3%
mar	52	\$0	-\$37,616	\$37,616		90	\$100,573,392	\$100,515,297		\$58,096		64.7%
apr	51	\$0	-\$36,989	\$36,989		89	\$100,568,559	\$100,510,955		\$57,604		64.2%
may	50	\$0	-\$36,358	\$36,358		88	\$100,563,697	\$100,506,587		\$57,110		63.7%
jun	49	\$0	-\$35,724	\$35,724		87	\$100,558,806	\$100,502,194		\$56,613		63.1%
Jul	48	\$0	-\$35,087	\$35,087		86	\$100,553,886	\$100,497,774		\$56,112		62.5%
aug	47	\$0	-\$34,446	\$34,446		85	\$100,548,937	\$100,493,328		\$55,609		61.9%
sep	46	\$0	-\$33,801	\$33,801		84	\$100,543,958	\$100,488,855		\$55,103		61.3%
oct	45	\$0	-\$33,153	\$33,153		83	\$100,538,950	\$100,484,356		\$54,594		60.7%
nov	44	\$0	-\$32,501	\$32,501		82	\$100,533,912	\$100,479,829		\$54,082		60.1%
dec	43	\$0	-\$31,846	\$31,846		81	\$100,528,843	\$100,475,276		\$53,567		59.5%
jan	42	\$0	-\$31,187	\$31,187		80	\$100,523,745	\$100,470,696		\$53,049		58.8%
feb	41	\$0	-\$30,525	\$30,525		79	\$100,518,816	\$100,466,088		\$52,528		58.1%
mar	40	\$0	-\$29,859	\$29,859		78	\$100,513,456	\$100,461,453		\$52,004		57.4%
apr	39	\$0	-\$29,189	\$29,189		77	\$100,508,266	\$100,456,790		\$51,477		56.7%
may	38	\$0	-\$28,516	\$28,516		76	\$100,503,045	\$100,452,099		\$50,946		56.0%
jun	37	\$0	-\$27,839	\$27,839		75	\$100,497,793	\$100,447,380		\$50,413		55.2%
Jul	36	\$0	-\$27,158	\$27,158		74	\$100,492,509	\$100,442,633		\$49,876		54.5%
aug	35	\$0	-\$26,474	\$26,474		73	\$100,487,194	\$100,437,858		\$49,336		53.7%
sep	34	\$0	-\$25,786	\$25,786		72	\$100,481,847	\$100,433,054		\$48,793		52.8%
oct	33	\$0	-\$25,094	\$25,094		71	\$100,476,469	\$100,428,222		\$48,247		52.0%
nov	32	\$0	-\$24,398	\$24,398		70	\$100,471,058	\$100,423,360		\$47,698		51.2%
dec	31	\$0	-\$23,698	\$23,698		69	\$100,465,615	\$100,418,470		\$47,145		50.3%
jan	30	\$0	-\$22,995	\$22,995		68	\$100,460,140	\$100,413,551		\$46,589		49.4%
feb	29	\$0	-\$22,287	\$22,287		67	\$100,454,632	\$100,408,602		\$46,030		48.4%
mar	28	\$0	-\$21,576	\$21,576		66						

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1230	1235	1240	1245	1250	1255	1260	1265	1270	1275
sep 22	\$0	-\$17,227	\$17,227	60	\$100,415,146	\$100,373,123	\$42,023	41.0%	
oct 21	\$0	-\$16,488	\$16,488	59	\$100,409,370	\$100,367,933	\$41,437	39.8%	
nov 20	\$0	-\$15,745	\$15,745	58	\$100,403,560	\$100,362,712	\$40,847	38.5%	
dec 19	\$0	-\$14,998	\$14,998	57	\$100,397,714	\$100,357,460	\$40,254	37.3%	
jan 18	\$0	-\$14,247	\$14,247	56	\$100,391,835	\$100,352,177	\$39,658	35.9%	
feb 17	\$0	-\$13,491	\$13,491	55	\$100,385,920	\$100,346,862	\$39,058	34.5%	
mar 16	\$0	-\$12,732	\$12,732	54	\$100,379,969	\$100,341,515	\$38,454	33.1%	
apr 15	\$0	-\$11,968	\$11,968	53	\$100,373,984	\$100,336,136	\$37,847	31.6%	
may 14	\$0	-\$11,201	\$11,201	52	\$100,367,962	\$100,330,725	\$37,237	30.1%	
jun 13	\$0	-\$10,429	\$10,429	51	\$100,361,905	\$100,325,282	\$36,623	28.5%	
Jul 12	\$0	-\$9,653	\$9,653	50	\$100,355,812	\$100,319,807	\$36,005	26.8%	
aug 11	\$0	-\$8,872	\$8,872	49	\$100,349,682	\$100,314,299	\$35,383	25.1%	
sep 10	\$0	-\$8,088	\$8,088	48	\$100,343,516	\$100,308,757	\$34,758	23.3%	
oct 9	\$0	-\$7,299	\$7,299	47	\$100,337,313	\$100,303,183	\$34,130	21.4%	
nov 8	\$0	-\$6,505	\$6,505	46	\$100,331,073	\$100,297,576	\$33,497	19.4%	
dec 7	\$0	-\$5,708	\$5,708	45	\$100,324,796	\$100,291,935	\$32,861	17.4%	
jan 6	\$0	-\$4,905	\$4,905	44	\$100,318,481	\$100,286,260	\$32,221	15.2%	
feb 5	\$0	-\$4,099	\$4,099	43	\$100,312,129	\$100,280,552	\$31,577	13.0%	
mar 4	\$0	-\$3,288	\$3,288	42	\$100,305,739	\$100,274,810	\$30,930	10.6%	
apr 3	\$0	-\$2,473	\$2,473	41	\$100,299,311	\$100,269,033	\$30,278	8.2%	
may 2	\$0	-\$1,653	\$1,653	40	\$100,292,845	\$100,263,222	\$29,623	5.6%	
jun 1	\$0	-\$829	\$829	39	\$100,286,340	\$100,257,376	\$28,964	2.9%	
Jul 0	\$0	-\$0	\$0	38	\$100,279,796	\$100,251,495	\$28,301	0.0%	



CALCULATION OF THE CORRELATION BETWEEN SWAP AND RATIO HEDGE BOND

	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350
	Swap Notional	\$100,000,000	Hypothetical Rate							
	Receive Rate	6.233%	6.578%	Actual month-end CP Rate	Using CP at month end + 18 bps	Settlement on 15-Jan 15-Jul	Market Yield			
1307	No. of Months	(Per Counterparty Swap MTM)		Actual floating rate		No. of days of accrued interest		Accrued Interest	Adjusted MTM (excl. accrued int.)	Monthly Change Adj. MTM
30-Sep-99								\$0	\$0	\$0
30-Sep-99	82	\$0				6.578%		\$0	\$0	\$0
	81	\$333,504				6.516%		\$0	\$333,504	\$333,504
	80	-\$264,555				6.627%		\$0	-\$264,555	-\$598,060
dec	79	-\$1,824,166				6.923%		\$0	-\$1,824,166	-\$1,559,611
	78	-\$3,918,538				7.337%		\$0	-\$3,918,538	-\$2,094,372
	77	-\$3,381,203				7.238%		\$0	-\$3,381,203	\$537,335
mar	76	-\$2,779,125				7.124%		\$0	-\$2,779,125	\$602,078
	75	-\$3,413,984				7.259%		\$0	-\$3,413,984	-\$634,859
	74	-\$4,579,874				7.508%		\$0	-\$4,579,874	-\$1,165,891
jun	73	-\$2,616,296				7.109%		\$0	-\$2,616,296	\$1,963,578
	72	-\$2,402,537				7.070%		\$0	-\$2,402,537	\$213,760
	71	-\$1,186,585				6.822%		\$0	-\$1,186,585	\$1,215,951
sep	70	-\$480,605				6.677%		\$0	-\$480,605	\$705,980
	-2,169,362	69	-\$2,100,078	6.48%	6.66%	108		-\$125,224	-\$1,974,854	\$194,508

No. of Months	Computed Bond Value	Actual Libor Swap Yield	Constant Yield Differential	Constant Diff. Libor vs CP Swap	Effective Swap Yield	Bond Price If Yield Unchanged	Amort of Premium	Bond Value Mthly Change	
								1355	1360
120	101.4250%	6.8300%	0.3210%	0.1000%	7.0510%	101.425%	0.000%		\$0
120	101.4250%	6.8300%	0.3210%	0.1000%	7.0510%	101.425%	0.000%		\$600,463
119	102.0173%	6.7467%	0.3210%	0.1000%	6.9677%	101.417%	0.008%		-\$1,503,627
118	100.5054%	6.9572%	0.3210%	0.1000%	7.1782%	101.409%	0.008%		-\$1,273,266
117	99.2238%	7.1408%	0.3210%	0.1000%	7.3618%	101.400%	0.008%		-\$2,320,774
116	96.8947%	7.4856%	0.3210%	0.1000%	7.7066%	101.392%	0.008%		\$636,938
115	97.5232%	7.3939%	0.3210%	0.1000%	7.6149%	101.383%	0.008%		\$1,027,409
114	98.5422%	7.2437%	0.3210%	0.1000%	7.4647%	101.375%	0.008%		-\$871,258
113	97.6624%	7.3773%	0.3210%	0.1000%	7.5983%	101.367%	0.009%		-\$1,501,434
112	96.1524%	7.6114%	0.3210%	0.1000%	7.8324%	101.358%	0.009%		\$2,472,573
111	98.6164%	7.2365%	0.3210%	0.1000%	7.4575%	101.349%	0.009%		\$104,775
110	98.7125%	7.2232%	0.3210%	0.1000%	7.4442%	101.341%	0.009%		\$1,736,237
109	100.4401%	6.9629%	0.3210%	0.1000%	7.1839%	101.332%	0.009%		\$624,274
108	101.0556%	6.8700%	0.3210%	0.1000%	7.0910%	101.323%	0.009%		\$267,692
107	101.3145%	6.8300%	0.3210%	0.1000%	7.0510%	101.314%	0.009%		

1405 - 1410 - 1415 - 1420 - 1425 - 1430 - 1435 - 1440 - 1445 -

	1405	Bond Value Mthly Change	Compensatory Hedge Ratio	Hedged Bond MTM mthly change (24*25)	avg. x Life-to-date Hedged Bond MTM mthly change	Y Swap MTM Mthly Change	Ineffective Portion of Swap MTM (26-27)	Square of Total Deviation SST	Square of Unexplained Dev (Ineffect portion) SSE
30-Sep-99	\$0.00	76.7%	0	0	229,467	\$333,504	0	0	15,732,832,515
	\$600,462.93	76.4%	458,935	-228,549	-\$598,060	-546,523	504,676,712,291	298,687,349,311	37.7%
	-\$1,503,626.62	76.1%	-1,144,583	-412,720	-\$1,559,611	594,378	2,076,897,321,496	353,285,391,893	67.9%
dec	-\$1,273,266.40	75.8%	-965,233	-680,559	-\$2,094,372	342,456	4,269,888,798,888	117,276,296,651	81.6%
	-\$2,320,774.27	75.5%	-1,751,915	-487,342	-\$537,335	-58,588	5,705,816,121,978	3,432,549,673	86.2%
	\$636,938.08	75.2%	478,747	-307,986	\$602,078	166,767	6,891,153,721,126	27,811,094,331	88.2%
mar	\$1,027,406.66	74.8%	768,845	-350,534	-\$634,859	-14,207	6,931,508,772,406	201,837,756	88.2%
	-\$871,257.52	74.5%	-649,066	-435,297	-\$1,165,891	52,492	7,419,392,361,062	2,755,374,621	89.0%
	-\$1,501,434.31	74.2%	-1,113,399	-209,272	\$1,963,578	-138,627	12,899,803,490,559	19,217,411,768	93.5%
jun	\$2,472,573.07	73.8%	1,824,951	-183,251	\$213,760	-136,799	13,091,439,955,855	18,713,870,414	93.5%
	\$104,775.02	73.5%	76,961	-62,224	\$1,215,951	53,118	14,979,915,613,565	2,821,573,034	94.3%
	\$1,736,237.04	73.1%	1,269,070	-22,514	\$705,980	-251,971	15,564,479,116,344	63,489,285,989	94.1%
sep	\$624,273.86	72.7%	454,010	-7,071	\$194,508	-826	15,614,017,438,151	682,853	94.1%
	\$267,692.47	72.4%	193,681						

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